



Michael O. Leavitt
Governor

Kathleen Clarke
Executive Director

Lowell P. Braxton
Division Director

State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

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TO: Internal File

THRU: Pamela Grubaugh-Littig, Permit Supervisor *pgl*
Daron R. Haddock, Permit Supervisor *DRH*

FROM: Peter H. Hess, Sr. Reclamation Specialist, Team Lead *PHH*

RE: Surface Facilities Update, Lodestar Energy, Inc., Horizon Mine, C/007/020-01C *BGM*

SUMMARY:

The permittee initiated coal production at the Horizon Mine on November 5, 2001. Prior to that start up, it was necessary to implement several changes in the surface facilities to ready the mine for production. This included the addition of a new electrical transformer, (C/007/020-AM01A), and the addition of an office and bathhouse trailer. Also, it was necessary to move a fuel tank to provide space for the trailers. The permittee has submitted a new surface facilities map to address these changes.

TECHNICAL ANALYSIS:

OPERATION PLAN

MINING OPERATIONS AND FACILITIES

Regulatory Reference: 30 CFR 784.2, 784.11; R645-301-231, -301-526, -301-528.

Analysis:

Facilities and Structures

The permittee has provided a revised Plate 3-1, Surface Facilities map to update the mining and reclamation plan to address the installation of the new facilities described above. These include the addition of an electrical transformer (C/007/020-AM01A) adjacent to the run-of-mine belt, and the addition of an office trailer and bathhouse trailer.

TECHNICAL MEMO

The compact area of the Portal Canyon area requires moving previously located apparatus in order to accommodate new structures. An example is the moving of the diesel fuel tank to provide space for the two new facility trailers. As indicated on the submitted Plate 3-1, the fuel tank will eventually be moved to a final location in the storage area located between the northern leg of the truck loading loop and Jewkes Creek.

The submitted Plate 3-1 was field checked for accuracy on December 13, 2001, and the inaccuracies noted were documented in that inspection report. As the result of the field check, the permittee submitted a revised Plate 3-1 on December 20, 2001. The revised drawing included several power poles as well as a security gate. Plate 3-1 is certified by Mr. Dave Miller, Utah registered professional engineer.

The Plate 3-1 submitted on December 20, 2001 meets the requirements of R645-301-512.120, (521.124, 521.164, and 521.167), as well as R645-301-521.165, 521.161 521.162, and 521.163. The requirements of R645-301-526.111 and 528.100 have also been addressed.

Findings:

AM01C adequately addresses the requirements of the R645 coal rules as they relate to surface facilities maps. This amendment should be approved as received on December 20, 2001.